

**CO₂
REDUCTION.
WE WILL
MAKE IT.**



SENOSAN[®]





CO₂ NEUTRAL PRODUCTION PIESENDORF 2030

Here we see ourselves as pioneers.
There is the next step.

senosan[®]

ECO-B Bioplastics

for product groups PS/HIPS, PC, ABS, ASA

WHAT ARE BIOPLASTICS

Biobased

Bioplastics

biobased **senosan**[®] ECO-B Products

- Styrene polymers (ABS, PS, ASA)
- Polycarbonates (PC, PC/ABS)

Polylactic acid Blend (PLA)

Bioplastics

- Polylactic acid (PLA)
- Polyhydroxyalkanoates (PHA)
- Polybutylene succinate (PBS)
- Starch blends

recyclable

Non-biodegradable

biodegradable

Conventional plastics

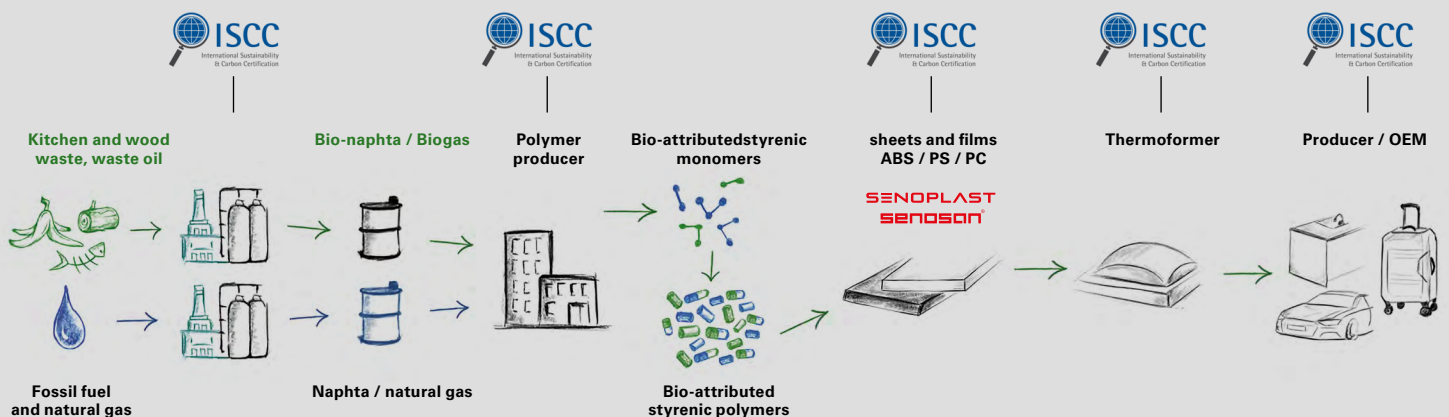
- Polyethylene (PE)
- Polypropylene (PP)
- Polyethylene terephthalate (PET)
- Styrene polymers (ABS, PS, ASA)
- Polycarbonate (PC, PC/ABS)

Bioplastics

- Polybutylene adipate terephthalate (PBAT)
- Polycaprolactone (PCL)

Petrochemical raw materials

Renewable feedstock as a replacement for fossil feedstock **senosan**[®] Bioplastics:



Certified raw material

Basic materials

Biological household waste, oils and wood waste

Important: We only use certified waste according to ISSC PLUS.



Mass balance

- The mass balance approach is a significant step towards being able to offer bioplastics.
- The International Sustainability and Carbon Certification ISSC supports mass balance approaches to promote bioplastics.
- Certified sustainable biobased and non-sustainable material is physically mixed but separated in accounting.
- By using these drop-in solutions, the carbon footprint is significantly improved.
- An important step to be able to offer climate-neutral products in the future.
- ISSC certification for Senoplast end of 1st quarter 2022.



WE ARE MANUFACTURING IN AN AREA OF OUTSTANDING NATURAL BEAUTY AND WHERE SUSTAINABILITY IS NOT ONLY A PHRASE, BUT A PART OF OUR EVERYDAY LIFE.

WE DO A LOT. AND WE DO EVEN MORE.

→ 100% GREEN ELECTRICITY

→ PHOTOVOLTAIC

→ HIGH PERCENTAGE OF
REGRIND MATERIAL,
NEW REGRIND TREATMENT LINE

→ EFFECTIVE WASTE
MANAGEMENT

→ SENOCIRCLE SYSTEM

We already produce
in a resource-saving way.

Total emissions of CO₂

3.126

Tons in 2005



297

Tons in 2021

Your advantages

Improved CO₂ balance of your products

Alternative raw materials to improve the CO₂ balance

Simple and fast solution

Integration of drop-in solutions into existing production processes

Reliable

Our solutions allow operation under the same processing conditions, without technical risk.

Consistent quality

Same consistently high quality as conventional products.

Already available today

Get started today with drop-in mass balance solutions, even in large quantities without additional free testing costs.

Benefits for all

Reduced use of fossil raw materials

Alternative raw materials to improve the carbon footprint

Reduced CO₂ footprint

Integration of drop-in solutions into existing production processes



SENOPLAST

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